

What Is Claimed Is:

1. (New) An isolated nucleic acid molecule comprising the pVGI.1 expression vector construct depicted in Figure 31.

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2. (New) A composition comprising the isolated nucleic acid molecule of claim 1.

3. (New) A method of producing a host cell comprising transducing,
10 transforming or transfecting a host cell with the nucleic acid molecule of claim 1.

4. (New) The host cell produced by the method of claim 3.

5. (New) A host cell comprising the nucleic acid molecule of claim 1.

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6. (New) A method of treating a patient comprising administering to the patient the nucleic acid molecule of claim 1.

7. (New) The method of claim 6, wherein said patient has chronic limb
20 ischemia.

8. (New) The method of claim 6, wherein said patient has myocardial ischemia.

9. (New) The method of claim 6, wherein said patient has the disease or disorder selected from the group consisting of:

- a. autoimmune disorders;
- b. allergic reactions or conditions;
- c. organ rejection;
- d. inflammatory conditions;
- e. hyperproliferative disorders;
- f. disease due to viral infection;
- g. disease due to bacterial infection;
- h. disease due to fungal infection;
- i. disease due to parasitic infection;
- j. cardiovascular disorders;
- k. arrhythmias;
- l. heart valve diseases;
- m. myocardial diseases;
- n. myocardial ischemias;
- o. aneurysms;
- p. arterial occlusive diseases;
- q. cerebrovascular disorders;
- r. embolisms; and
- s. ischemia.

10. (New) An isolated nucleic acid molecule comprising the pVGL.1 expression vector construct contained in ATCC Deposit No. PTA-2185.

11. (New) A composition comprising the isolated nucleic acid molecule of claim 10.

5 12. (New) A method of producing a host cell comprising transducing, transforming or transfecting a host cell with the nucleic acid molecule of claim 10.

13. (New) The host cell produced by the method of claim 12.

10 14. (New) A host cell comprising the nucleic acid molecule of claim 10.

15. (New) A method of treating a patient comprising administering to the patient the nucleic acid molecule of claim 10.

15 16. (New) The method of claim 15, wherein said patient has chronic limb ischemia.

17. (New) The method of claim 15, wherein said patient has myocardial ischemia.

20 18. (New) The method of claim 15, wherein said patient has the disease or disorder selected from the group consisting of:

- a. autoimmune disorders;
- b. allergic reactions or conditions;
- c. organ rejection;

- d. inflammatory conditions;
- e. hyperproliferative disorders;
- f. disease due to viral infection;
- g. disease due to bacterial infection;
- h. disease due to fungal infection;
- i. disease due to parasitic infection;
- j. cardiovascular disorders;
- k. arrhythmias;
- l. heart valve diseases;
- m. myocardial diseases;
- n. myocardial ischemias;
- o. aneurysms;
- p. arterial occlusive diseases;
- q. cerebrovascular disorders;
- r. embolisms; and
- s. ischemia.

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